

CLASS VI TESTING

INJECTION WELL 357-7R 40 CFR 146.87

ELK HILLS A1-A2 PROJECT

Pre-Operational Testing Plan

The 357-7R and 355-7R injection wells are being repurposed for the CTV Elk Hills A1-A2 project. These wells have been approved by California Geologic Energy Management (CalGEM) for Class II injection of gas for pressure maintenance.

The Monterey Formation A1-A2 reservoir was discovered in the 1970's and has since been developed with water and gas injection for pressure maintenance. Operational history of the field has provided a robust dataset to fully characterize the reservoir, confining layer and USDW with (Table 1).

Table 1: Site characterization data for the Elk Hills A1-A2 project.

Deviation Checks	Provided
Cement Bond Log	Provided
Open-hole Well Logs	Provided
Mechanical Integrity Test	Provided
Standard Annulus Pressure Test (SAPT)	Provided
Injection Zone and Confining Layer Core	Provided
Reservoir Conditions and Fluid	Provided
Injection Zone and Confining Layer Fracture Gradients	Provided
Pressure Testing	Provided